

Human transforming growth factor, beta receptor III ELISA Kit | TGFB3 elisa kit

Human Transforming growth factor beta receptor type 3, TGFB3 ELISA Kit

CATALOG #
AAA112660

REACTIVITY
Human

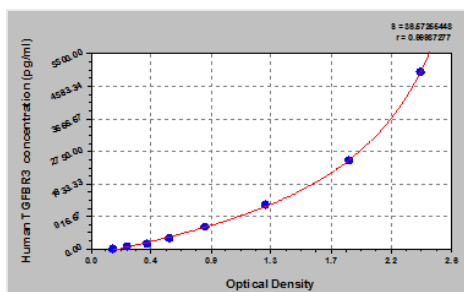
PRODUCT SYNONYMS

transforming growth factor; beta receptor III; Human Transforming growth factor beta receptor type 3; TGFB3 ELISA Kit; Human Transforming growth factor beta receptor type 3 (TGFB3) ELISA kit; BGCAN; betaglycan; betaglycan proteoglycan; TGFB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TGFB3. No significant cross-reactivity or interference between Human TGFB3 and analogues was observed.
Sequence Length	851
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	19.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFBR3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TGFBR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TGFBR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TGFBR3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TGFBR3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	307574691
NCBI GeneID	7049
NCBI Accession #	NP_001182612.1
NCBI GenBank Nucleotide #	NM_001195683.1
UniProt Accession #	Q03167; Q5T2T4; Q5U731; Q9UGI2; A0AUW8; A8K5N0; B9EG88
Molecular Weight	93,499 Da
NCBI Official Full Name	transforming growth factor beta receptor type 3 isoform b
NCBI Official Synonym Full Names	transforming growth factor, beta receptor III
NCBI Official Symbol	TGFBR3
NCBI Official Synonym Symbols	BGCAN; betaglycan
NCBI Protein Information	transforming growth factor beta receptor type 3; TGFR-3; betaglycan proteoglycan; TGF-beta receptor type 3; TGF-beta receptor type III
UniProt Protein Name	Transforming growth factor beta receptor type 3
UniProt Gene Name	TGFBR3
UniProt Synonym Gene Names	TGF-beta receptor type 3; TGFR-3; TGF-beta receptor type III
UniProt Entry Name	TGBR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tgfb3-human-elisa-kits/transforming-growth-factor-beta-receptor-iii/112660>